FIG. 1

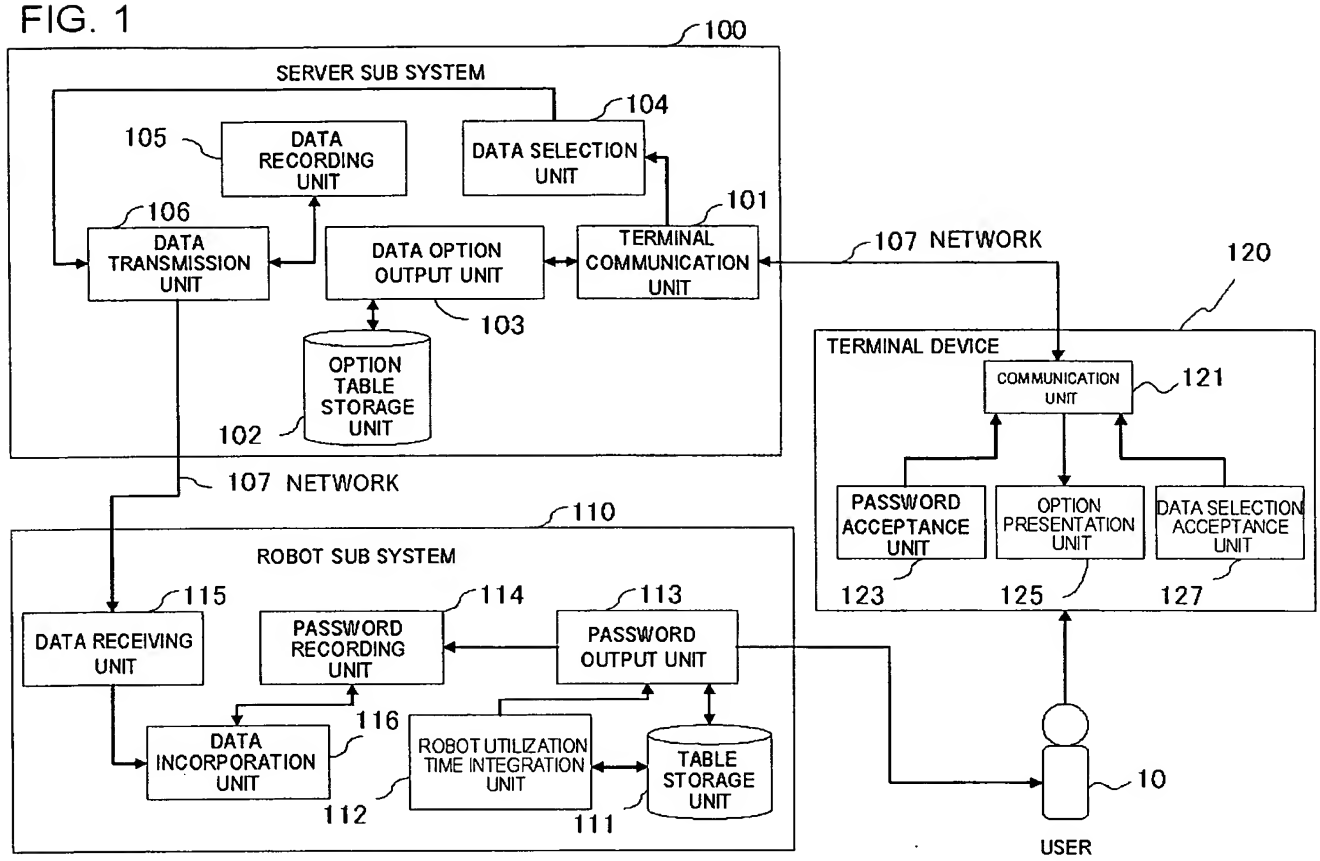

100
SERVER SUB SYSTEM
105
DATA RECORDING UNIT
104
DATA SELECTION UNIT
101
106
DATA TRANSMISSION UNIT
DATA OPTION OUTPUT UNIT
TERMINAL COMMUNICATION UNIT
107 NETWORK
120
103
OPTION TABLE STORAGE UNIT
102
TERMINAL DEVICE
COMMUNICATION UNIT
121
107 NETWORK
PASSWORD ACCEPTANCE UNIT
OPTION PRESENTATION UNIT
DATA SELECTION ACCEPTANCE UNIT
123
125
127
110
ROBOT SUB SYSTEM
115
114
113
DATA RECEIVING UNIT
PASSWORD RECORDING UNIT
PASSWORD OUTPUT UNIT
116
DATA INCORPORATION UNIT
ROBOT UTILIZATION TIME INTEGRATION UNIT
TABLE STORAGE UNIT
10
112
111
USER

FIG. 2

31

PASSWORD	DATA IDENTIFIER
" BLUE SKY "	"STAGE 1 DANCE SCENARIO"
" BLUE SKY "	"STAGE 1 TALK SCENARIO"
" BLUE SKY "	"STAGE 1 GAME SCENARIO"
⋮	
" DARK NIGHT"	"STAGE 1 DANCE SCENARIO SHORT"
" DARK NIGHT"	"STAGE 1 TALK SCENARIO SHORT"
" DARK NIGHT"	"STAGE 1 GAME SCENARIO SHORT"

FIG. 3

33

DATA IDENTIFIER	DATA FILE NAME
"STAGE 1 DANCE SCENARIO"	"/data/stage1/dance.zip"
"STAGE 1 TALK SCENARIO"	"/data/stage1/talk.zip"
" STAGE 1 GAME SCENARIO "	"/data/stage1/game.zip"
⋮	⋮
"STAGE 1 DANCE SCENARIO SHORT"	"/data/stage2/danceSmall.zip"
"STAGE 1 TALK SCENARIO SHORT"	"/data/stage2/talkSmall.zip"
"STAGE 1 GAME SCENARIO SHORT"	"/data/stage2/gameSmall.zip"

FIG. 4

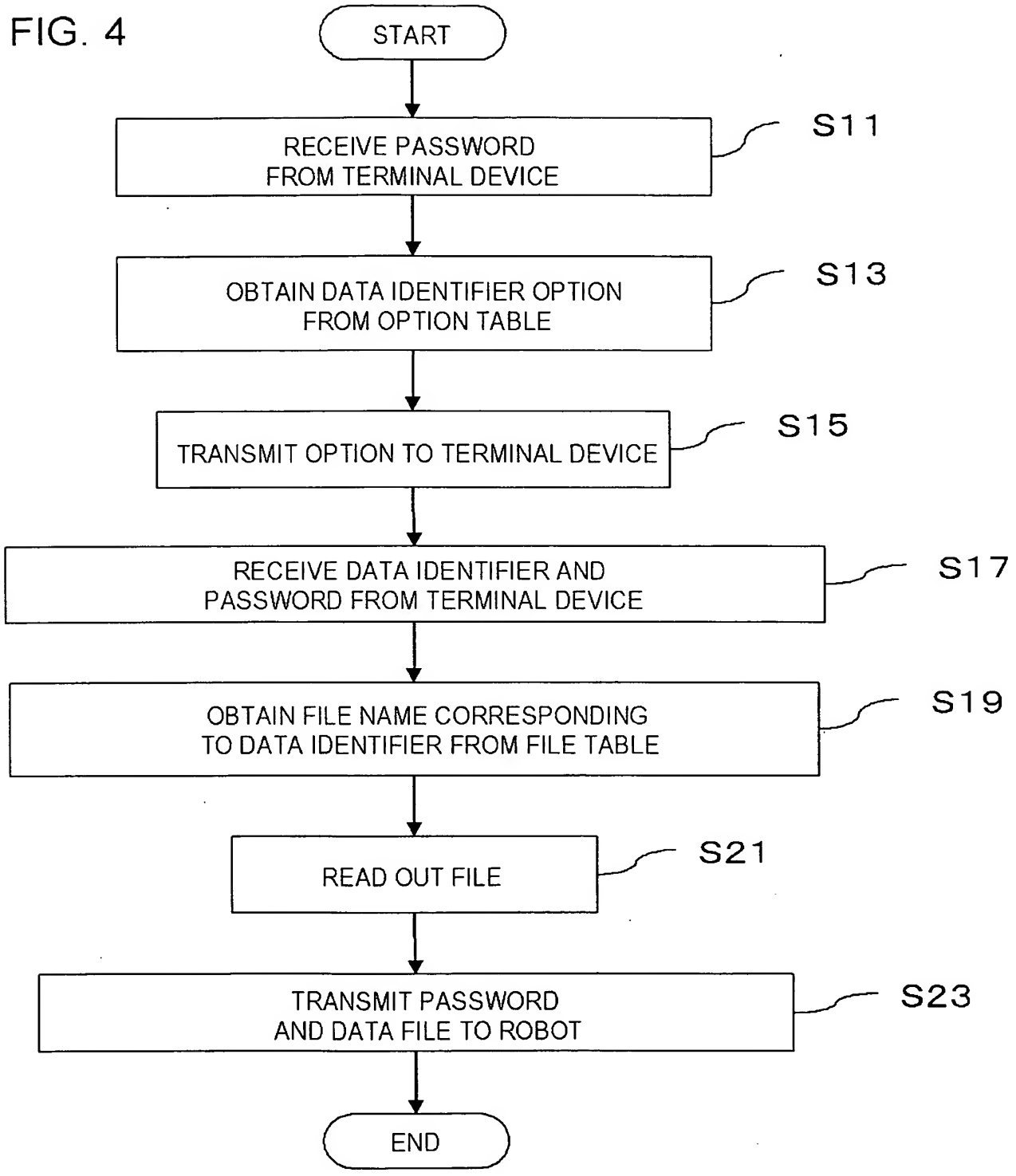

START
RECEIVE PASSWORD FROM TERMINAL DEVICE
S11
OBTAIN DATA IDENTIFIER OPTION FROM OPTION TABLE
S13
TRANSMIT OPTION TO TERMINAL DEVICE
S15
RECEIVE DATA IDENTIFIER AND PASSWORD FROM TERMINAL DEVICE
S17
OBTAIN FILE NAME CORRESPONDING TO DATA IDENTIFIER FROM FILE TABLE
S19
READ OUT FILE
S21
TRANSMIT PASSWORD AND DATA FILE TO ROBOT
S23
END

FIG. 5

41

UTILIZATION TIME	PASSWORD IDENTIFIER
2	" STAGE 1 "
10	" STAGE 2 "
24	" STAGE 3 "

FIG. 6

43

PASSWORD IDENTIFIER	PASSWORD
" STAGE 1 "	" BLUE SKY "
" STAGE 2 "	"WHITE CLOUD"
" STAGE 3 "	"RED SUNSET"

FIG. 7

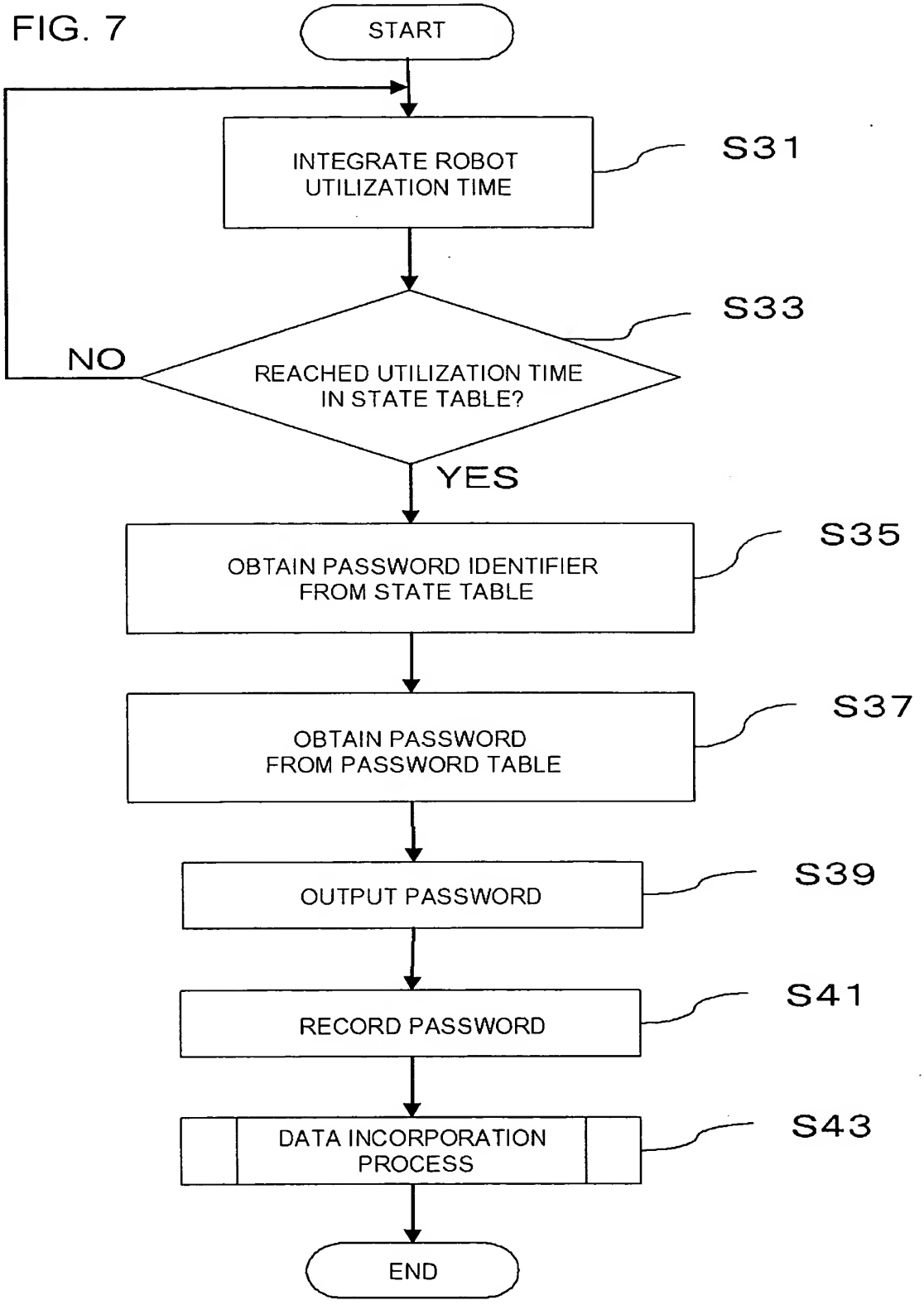

START
INTEGRATE ROBOT UTILIZATION TIME
S31
S33
NO
REACHED UTILIZATION TIME IN STATE TABLE?
YES
OBTAIN PASSWORD IDENTIFIER FROM STATE TABLE
S35
OBTAIN PASSWORD FROM PASSWORD TABLE
S37
OUTPUT PASSWORD
S39
RECORD PASSWORD
S41
DATA INCORPORATION PROCESS
S43
END

FIG. 8

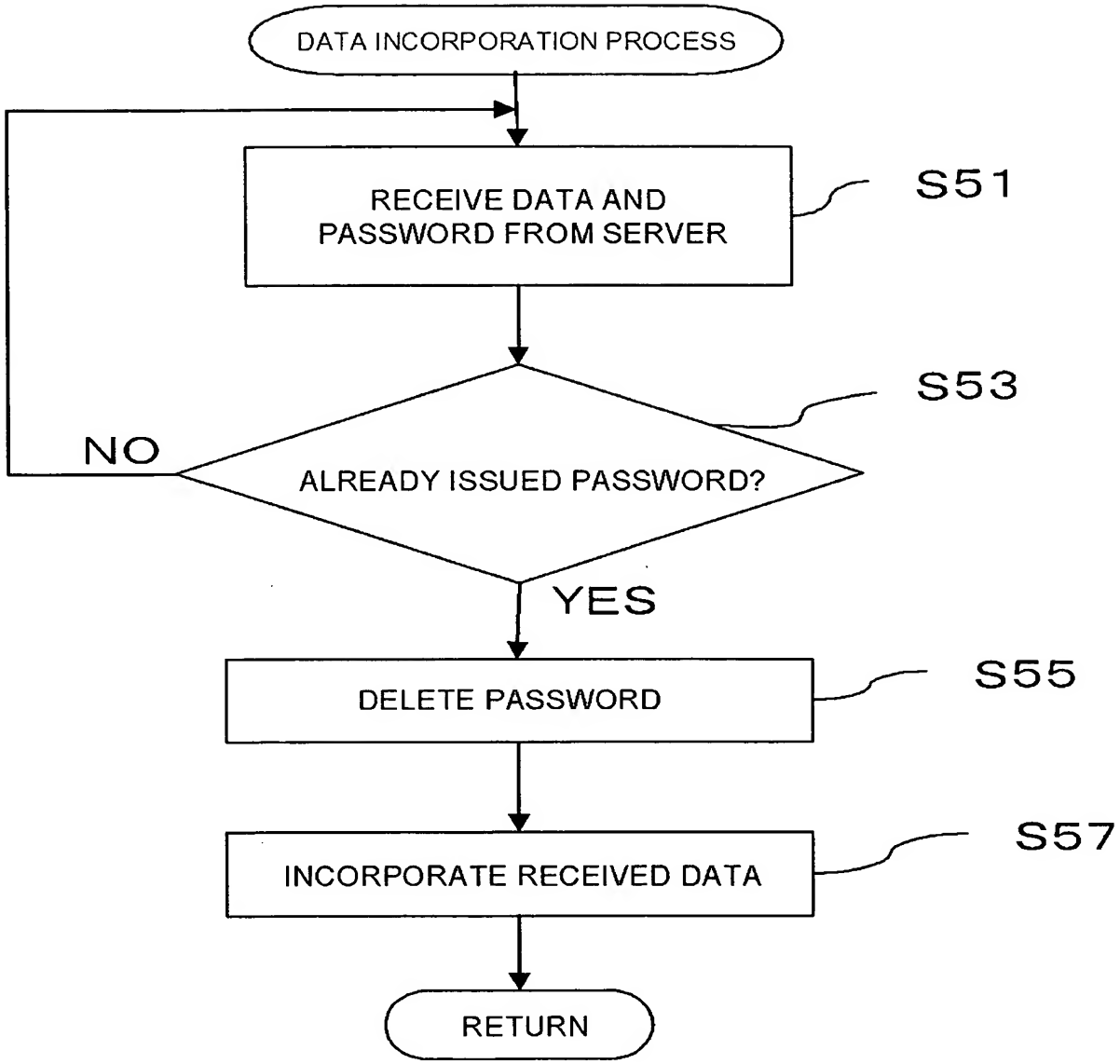

DATA INCORPORATION PROCESS
RECEIVE DATA AND PASSWORD FROM SERVER
S51
S53
NO
ALREADY ISSUED PASSWORD?
YES
DELETE PASSWORD
S55
INCORPORATE RECEIVED DATA
S57
RETURN

FIG. 9

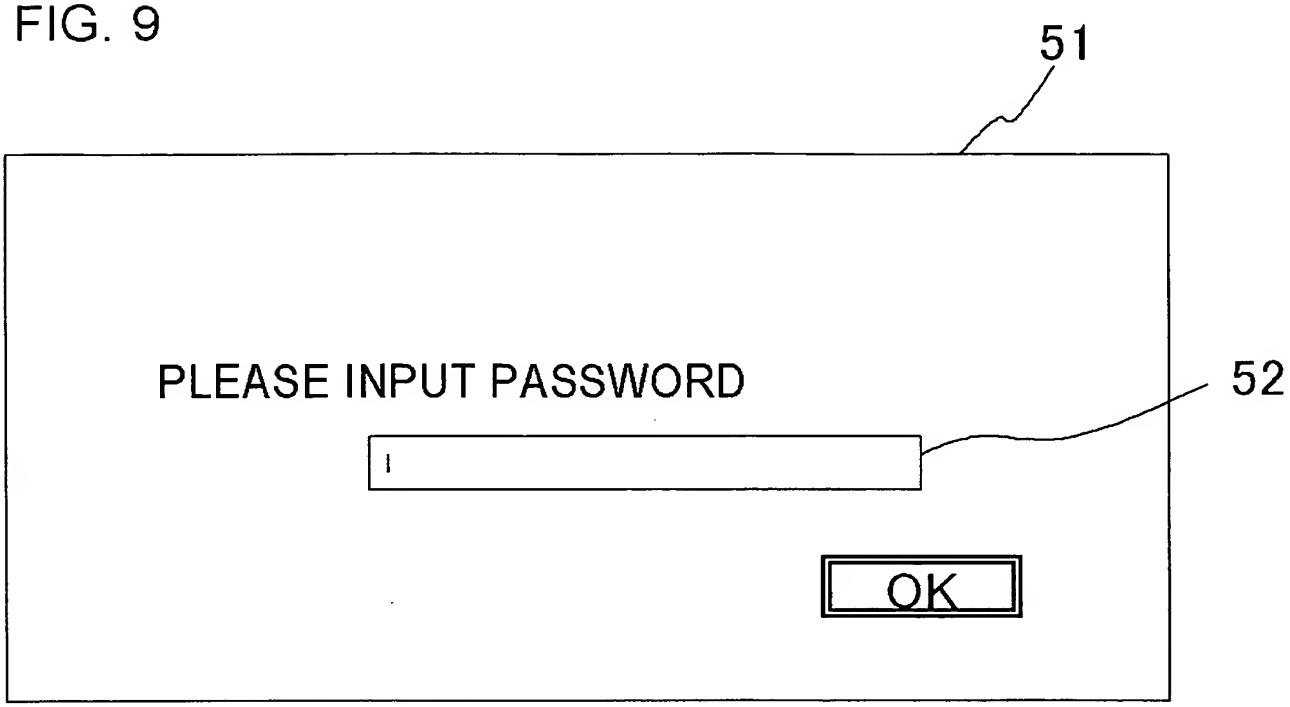

51
PLEASE INPUT PASSWORD
52
OK

FIG. 10

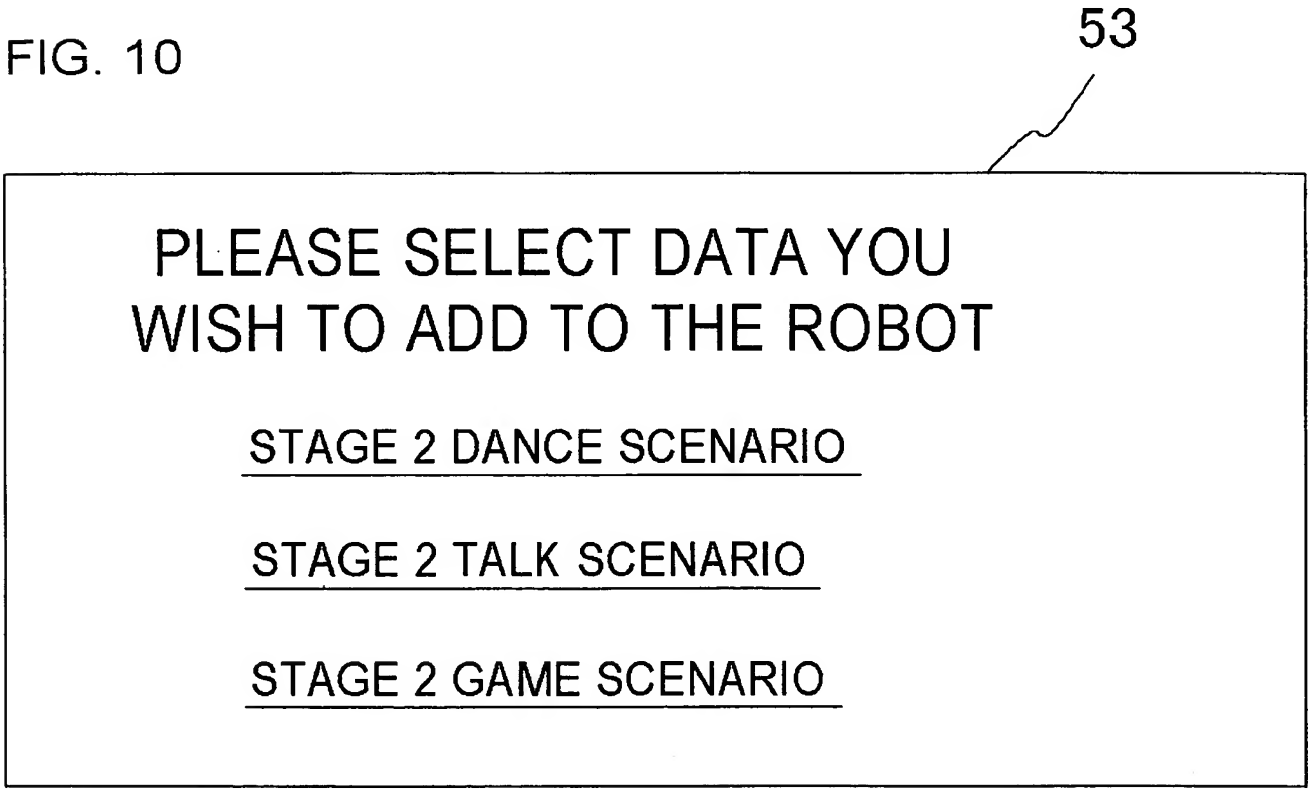

53
PLEASE SELECT DATA YOU WISH TO ADD TO THE ROBOT
STAGE 2 DANCE SCENARIO
STAGE 2 TALK SCENARIO
STAGE 2 GAME SCENARIO

FIG. 11

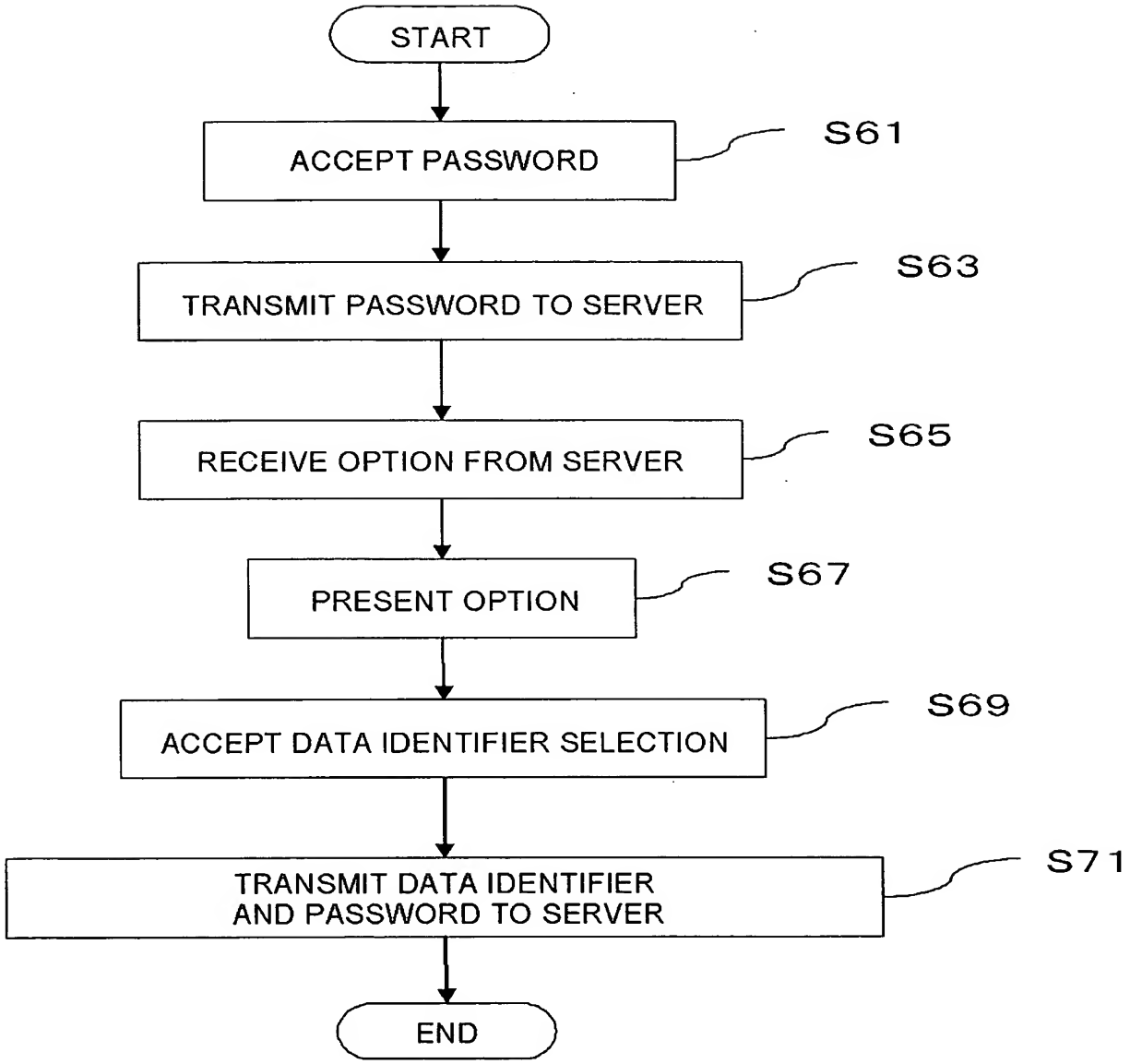

START
ACCEPT PASSWORD
S61
TRANSMIT PASSWORD TO SERVER
S63
RECEIVE OPTION FROM SERVER
S65
PRESENT OPTION
S67
ACCEPT DATA IDENTIFIER SELECTION
S69
TRANSMIT DATA IDENTIFIER
AND PASSWORD TO SERVER
S71
END

FIG. 12

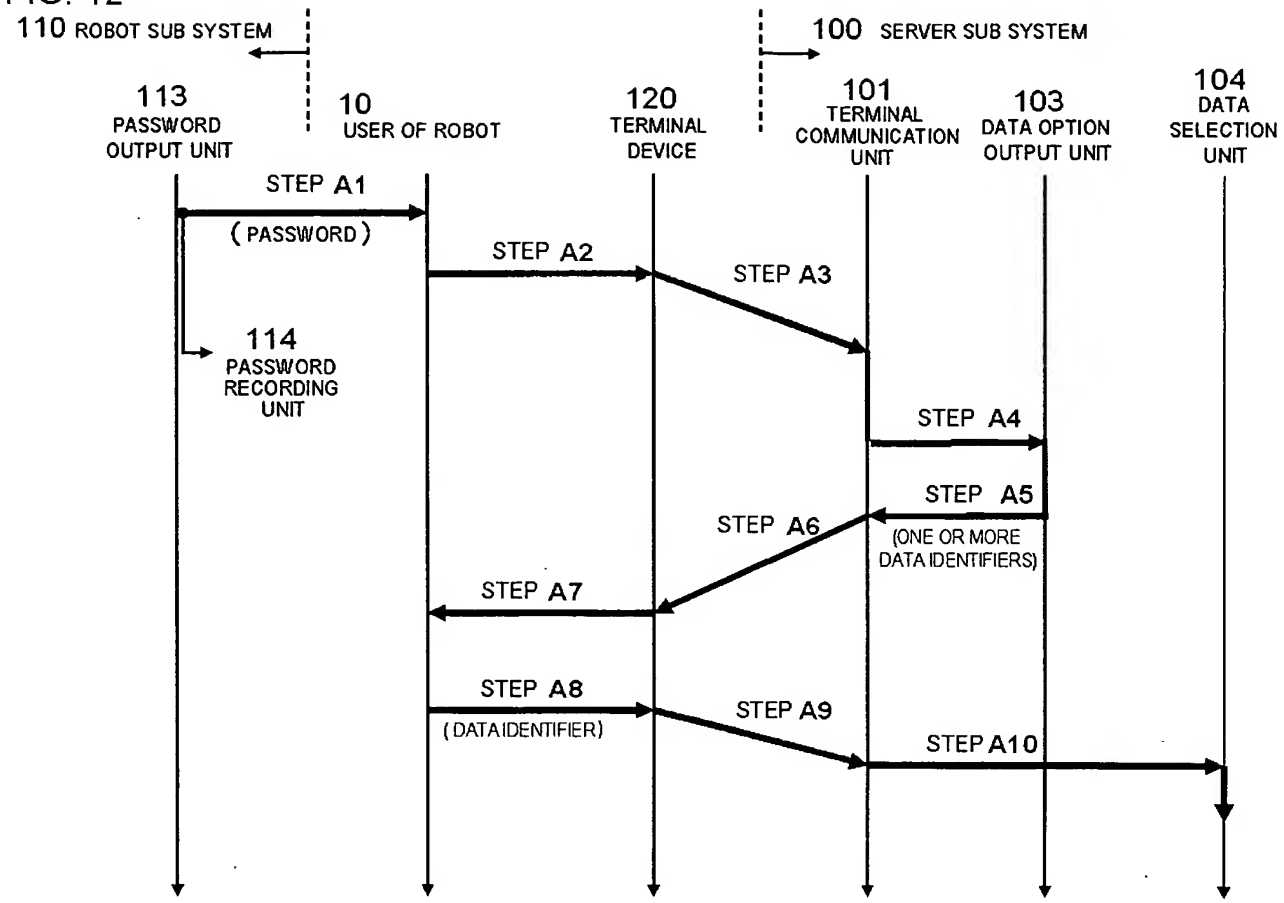

110 ROBOT SUB SYSTEM
100 SERVER SUB SYSTEM
113 PASSWORD OUTPUT UNIT
10 USER OF ROBOT
120 TERMINAL DEVICE
101 TERMINAL COMMUNICATION UNIT
103 DATA OPTION OUTPUT UNIT
104 DATA SELECTION UNIT
STEP A1
(PASSWORD)
STEP A2
STEP A3
114 PASSWORD RECORDING UNIT
STEP A4
STEP A5
(ONE OR MORE DATA IDENTIFIERS)
STEP A6
STEP A7
STEP A8
(DATA IDENTIFIER)
STEP A9
STEP A10

FIG. 13

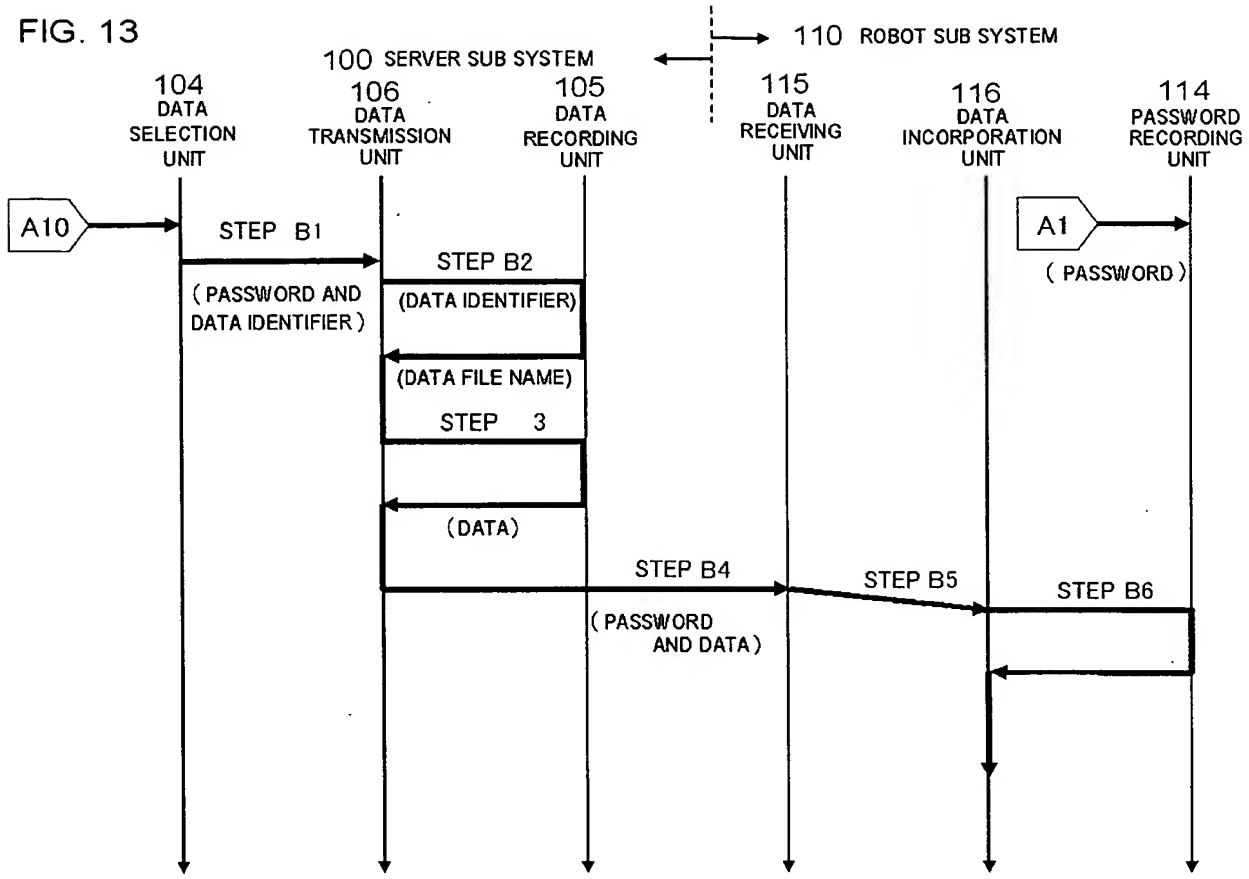
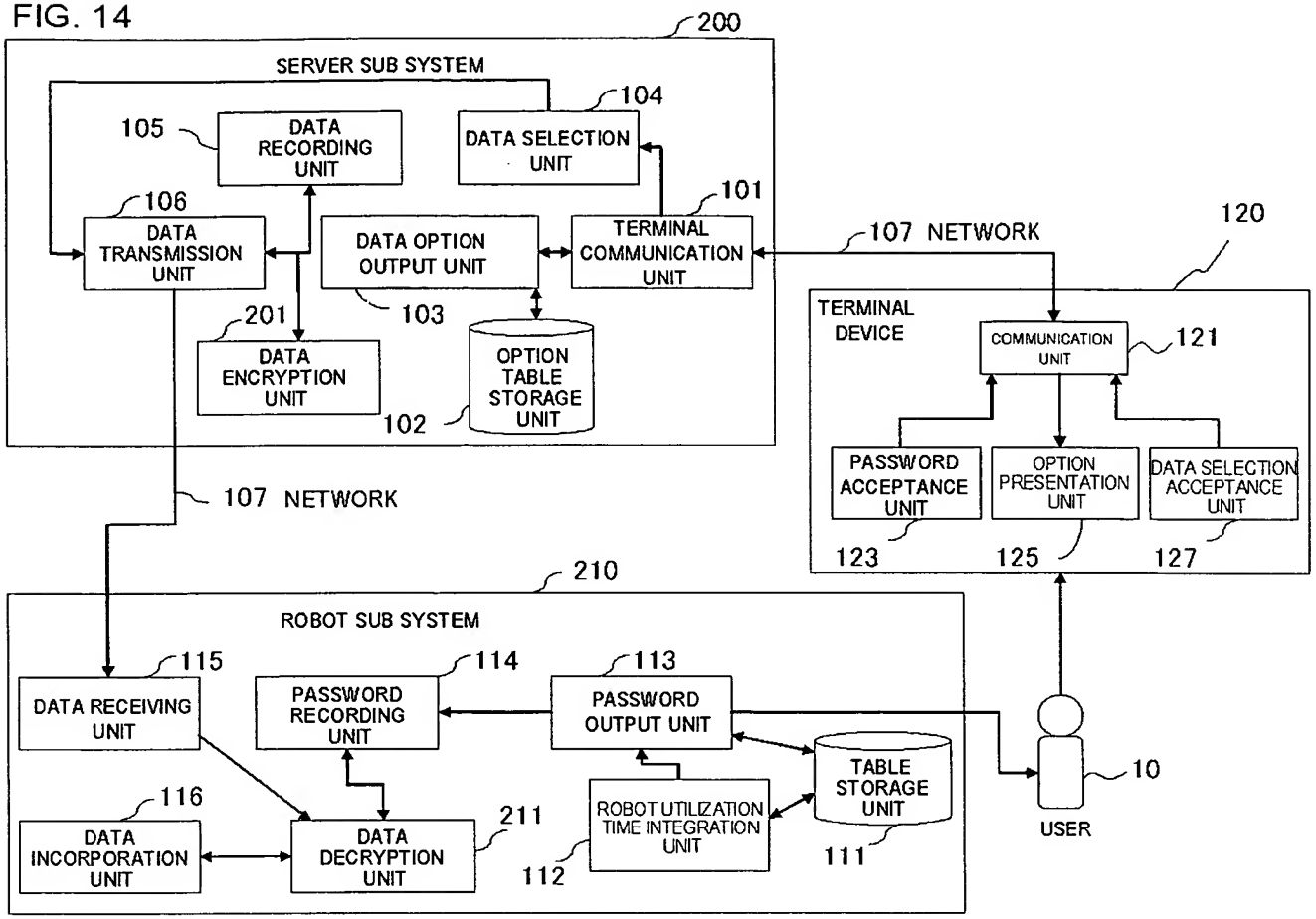

100 SERVER SUB SYSTEM
110 ROBOT SUB SYSTEM
104 DATA SELECTION UNIT
106 DATA TRANSMISSION UNIT
105 DATA RECORDING UNIT
115 DATA RECEIVING UNIT
116 DATA INCORPORATION UNIT
114 PASSWORD RECORDING UNIT
A10
STEP B1
(PASSWORD AND DATA IDENTIFIER)
STEP B2
(DATA IDENTIFIER)
(DATA FILE NAME)
STEP 3
(DATA)
STEP B4
(PASSWORD AND DATA)
STEP B5
STEP B6
A1
(PASSWORD)

FIG. 14


200
SERVER SUB SYSTEM
104
105
DATA RECORDING UNIT
DATA SELECTION UNIT
101
106
DATA TRANSMISSION UNIT
DATA OPTION OUTPUT UNIT
TERMINAL COMMUNICATION UNIT
107 NETWORK
120
TERMINAL DEVICE
COMMUNICATION UNIT
121
201
103
DATA ENCRYPTION UNIT
OPTION TABLE STORAGE UNIT
102
PASSWORD ACCEPTANCE UNIT
OPTION PRESENTATION UNIT
DATA SELECTION ACCEPTANCE UNIT
123
125
127
107 NETWORK
210
ROBOT SUB SYSTEM
115
114
113
DATA RECEIVING UNIT
PASSWORD RECORDING UNIT
PASSWORD OUTPUT UNIT
TABLE STORAGE UNIT
10
USER
116
211
ROBOT UTILIZATION TIME INTEGRATION UNIT
DATA INCORPORATION UNIT
DATA DECRYPTION UNIT
112
111

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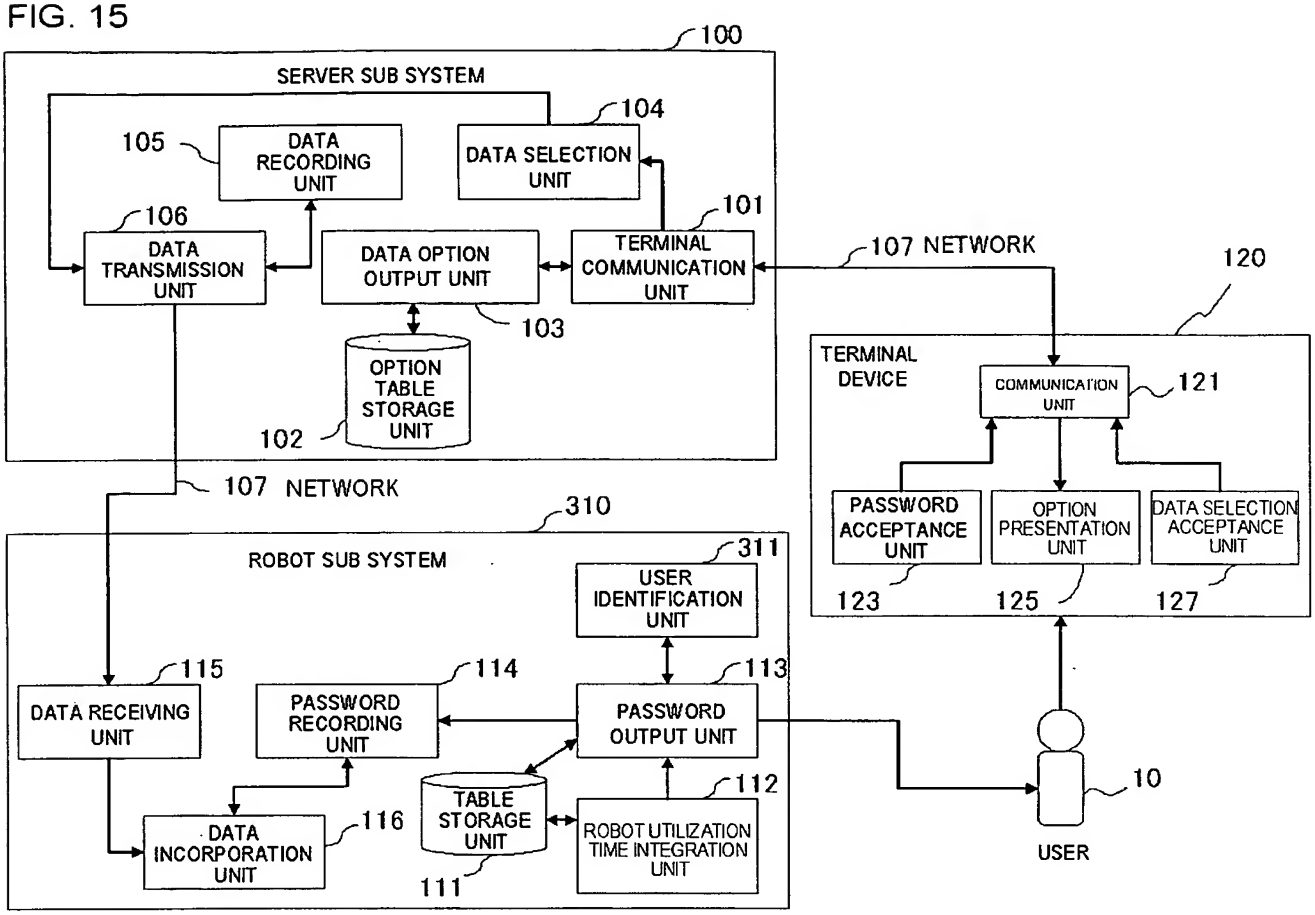
DATA UPDATE SYSTEM, DATA UPDATE METHOD, DATA UPDATE PROGRAM, AND ROBOT SYSTEM
Assignee: NEC CORPORATION
Attorney Docket No. Q96603
September 1, 2006

FIG. 15



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DATA UPDATE SYSTEM, DATA UPDATE METHOD, DATA UPDATE PROGRAM, AND ROBOT SYSTEM
Assignee: NEC CORPORATION
Attorney Docket No. Q96603
September 1, 2006

FIG. 16

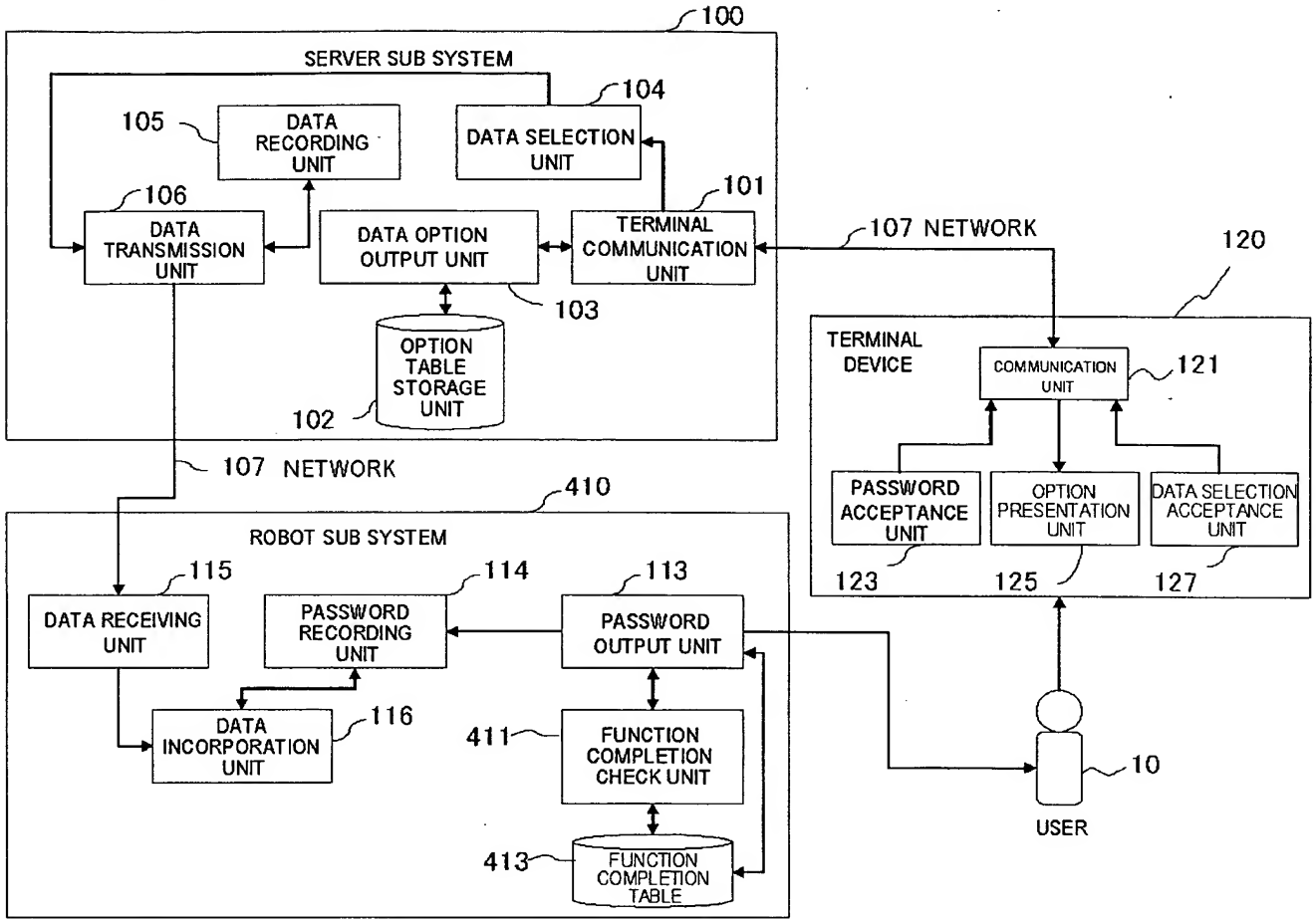

FIG. 17

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PARAMETER NAME	PASSWORD IDENTIFIER
"GAME CLEAR"	"ADD GAME"
"SAW ALL DANCES"	"ADD DANCE"
"TALKED ALL TOPICS"	"ADD CONVERSATION"

FIG. 18

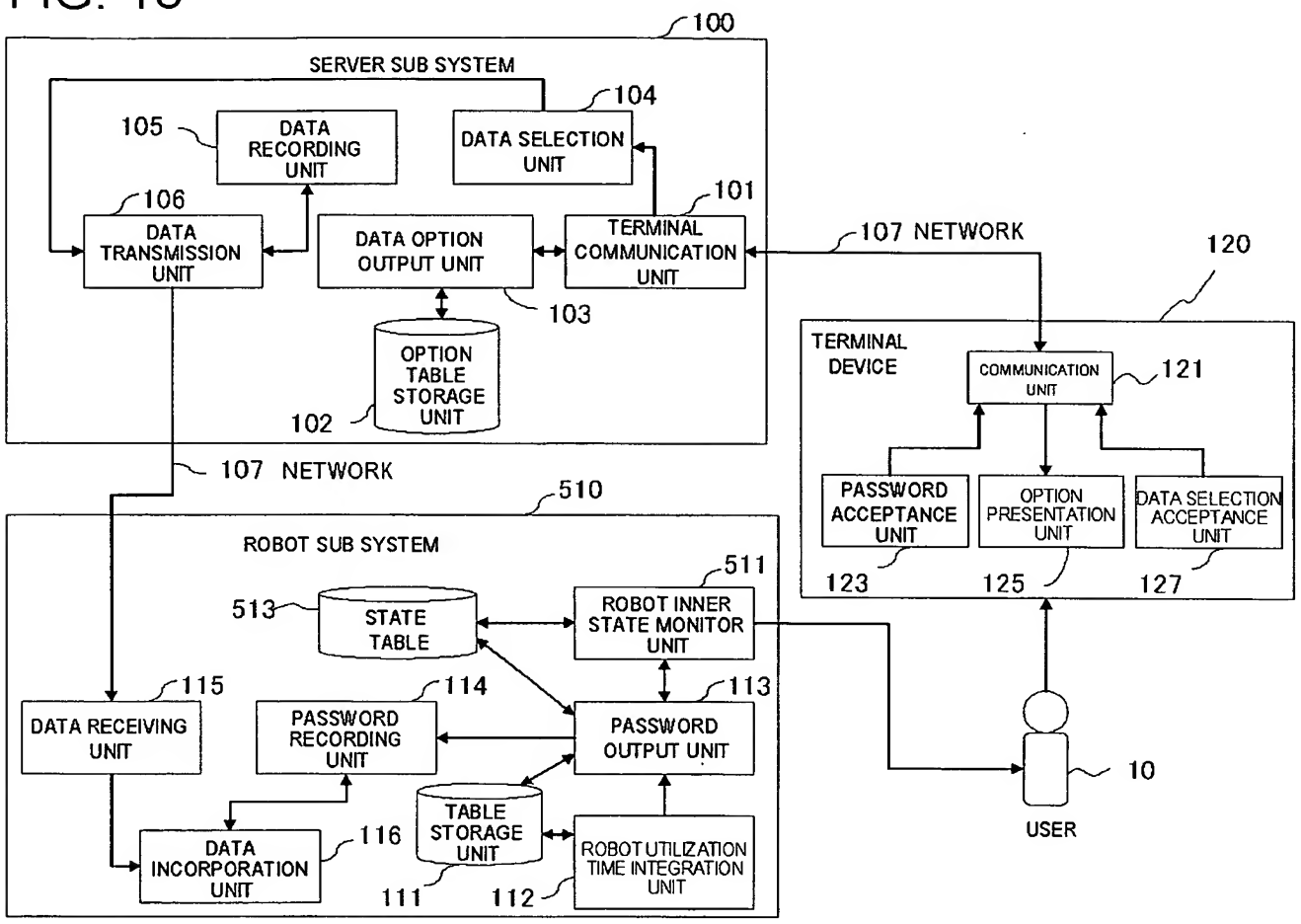

FIG. 19

513

PASSWORD IDENTIFIER	DATA CAPACITY	PASSWORD
"STAGE 1"	"SUFFICIENT"	"BLUE SKY"
"STAGE 2"	"SUFFICIENT"	"WHITE CLOUD"
"STAGE 3"	"SUFFICIENT"	"RED SUNSET"
"STAGE 1"	"SCARCE"	"DARK NIGHT"
"STAGE 2"	"SCARCE"	"BRIGHT MORNING"
"STAGE 3"	"SCARCE"	"DISTANT STAR"

Application of Yosuke TAKANO
DATA UPDATE SYSTEM, DATA UPDATE METHOD, DATA UPDATE PROGRAM, AND ROBOT SYSTEM
Assignee: NEC CORPORATION
Attorney Docket No. Q96603
September 1, 2006
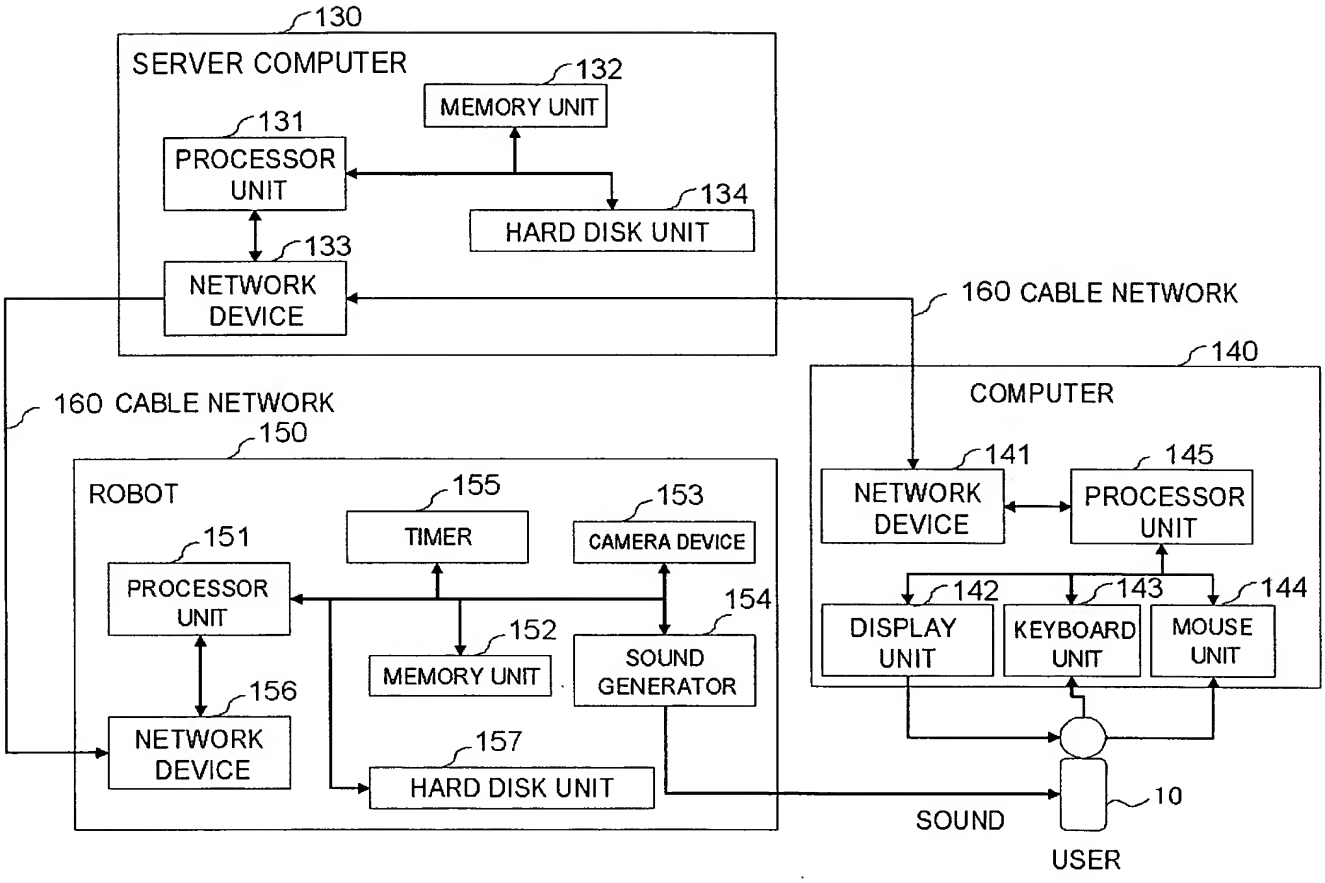
FIG. 20